

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|---------------------|
| L1 | 1 | "6159368".pn. | US-PGPUB; USPAT | ADJ | ON | 2010/09/10 11:37 |
| L2 | 0 | 435/287.1-287.3.ccls. and (cylindrical or tube cor container)with openining same (filter or porous with (layer or membrane)) and nucleic acid and (protrusion or ribs) | US-PGPUB; USPAT | ADJ | ON | 2010/09/10 14:14 |
| L3 | 3 | 435/287.1-287.3.ccls. and (cylindrical or tube cor container)with opening same (filter or porous with (layer or membrane)) and nucleic acid and (protrusion or ribs or support with structure or buttresses) | US-PGPUB; USPAT | ADJ | ON | 2010/09/10 14:16 |
| L4 | 10 | 435/287.1-287.3.ccls. and (cylindrical or tube or container)with opening same (filter or porous with (layer or membrane)) and nucleic acid and (protrusion or ribs or support with structure or buttresses) | US-PGPUB; USPAT | ADJ | ON | 2010/09/10 14:16 |
| L5 | 10 | 435/287.1-287.3.ccls. and (cylindrical or tube or container)with opening same (filter or porous with (layer or membrane)) and nucleic acid and (protrusion or ribs or support with structure or buttresses) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/10 14:16 |

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| L6 | 84 | (cylindrical or tube or container)with opening same (filter or porous with (layer or membrane)) and nucleic acid and (protrusion or ribs or support with structure or buttresses) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/10 14:20 |
| L7 | 21 | (column)with opening same (filter or porous with (layer or membrane)) and nucleic acid and (protrusion or ribs or support with structure or buttresses) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/10 14:27 |
| L8 | 1885 | (column)same (filter or porous with (layer or membrane)) and nucleic acid and (protrusion or ribs or support with structure or buttresses) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/10 14:29 |
| L9 | 619 | (column)with (filter or porous with (layer or membrane)) and nucleic acid and (protrusion or ribs or support with structure or buttresses) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/10 14:29 |
| L10 | 317 | (column)with (filter or porous with (layer or membrane)) and nucleic acid and (protrusion or ribs or support structure or buttresses) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/10 14:30 |
| L12 | 79 | (column)same (filter or porous with (layer or membrane))same (protrusion or ribs or support with structure or buttresses) and nucleic acid | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/10 14:31 |
| L13 | 1 | ((column or cylindrical or tube)same (filter or porous with (layer or membrane))same (protrusion or ribs or support with structure or buttresses) and nucleic acid same slope).clm. | US-PGPUB | ADJ | ON | 2010/09/10 14:35 |

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| L15 | 10 | 435/6.ccls. and (cylindrical or tube or container or column)with opening same (filter or porous with (layer or membrane)) and nucleic acid and (protrusion or ribs or support with structure or buttresses) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/10 14:36 |
| L16 | 13 | 435/6.ccls. and (cylindrical or tube or container or column)with opening same (filter or porous with (layer or membrane)) and nucleic acid and hydrophilic\$ with (resin or material or layer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/10 14:38 |
| L17 | 4 | 435/287.1-287.3.ccls. and (cylindrical or tube or container or column) with opening same (filter or porous with (layer or membrane)) and nucleic acid and hydrophilic\$ with (resin or material or layer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/10 14:42 |
| L18 | 5 | ((cylindrical or tube or container or column)with opening same (filter or porous with (layer or membrane)) and nucleic acid and hydrophilic\$ with (resin or material or layer)).clm. | US-PGPUB | ADJ | ON | 2010/09/10 14:43 |
| L21 | 0 | ((cylindrical or tube or container or column)with opening same (filter or porous with (layer or membrane)) and nucleic acid and bubble same (guide or trap)).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/10 14:44 |
| L22 | 1 | ((cylindrical or tube or container or column)with opening same (filter or porous with (layer or membrane)) and nucleic acid and bubble same (guid\$ or trap)).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/10 14:45 |
| S1 | 1 | ("20030170664").PN. | US-PGPUB; USPAT | ADJ | ON | 2009/12/07 11:08 |

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| S2 | 49 | ("5279821" "99" "6043390" "71" "5397479" "99" "5482829" "99" "6027945" "99" "6063572" "99" "6153598" "99" "6221674" "99" "6221674" "99" "6333146" "99" "6368800" "99" "6376203" "99" "6447764" "99" "6451260" "99" "6511809" "99" "7326386" "99" "7354710" "99" "20020018998" "99" "20020051986" "99" "20030087436" "99" "20030134299" "99" "20050112658" "99" "20060065587" "99" "20060172642" "99" "20060239940" "99" "20060252718" "99" "20070026430" "99" "20070148649" "99" "20070244314" "99" "20090011949" "99" "20090023904" "99" "4330440" "73" "4455370" "73" "4756834" "73" "5340461" "73" "5618832" "73" "5885921" "73" "6203706" "73" "6248720" "73" "6414136" "73" "20040219586" "73" "20060243658" "73" "20070017870" "73" "20080154029" "73" "20090050566" "73" "6051429" "71" "4950744" "71" "5026840" "71" "5888783" "71" "5980861" "71") .PN. | US-PGPUB; USPAT | OR | ON | 2009/12/07 13:14 |
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| S3 | 108 | ("5279821" "99" "6043390" "71" "5397479" "99" "5482829" "99" "6027945" "99" "6063572" "99" "6153598" "99" "6221674" "99" "6221674" "99" "6333146" "99" "6368800" "99" "6376203" "99" "6447764" "99" "6451260" "99" "6511809" "99" "7326386" "99" "7354710" "99" "20020018998" "99" "20020051986" "99" "20030087436" "99" "20030134299" "99" "20050112658" "99" "20060065587" "99" "20060172642" "99" "20060239940" "99" "20060252718" "99" "20070026430" "99" "20070148649" "99" "20070244314" "99" "20090011949" "99" "20090023904" "99" "4330440" "73" "4455370" "73" "4756834" "73" "5340461" "73" "5618832" "73" "5885921" "73" "6203706" "73" "6248720" "73" "6414136" "73" "20040219586" "73" "20060243658" "73" "20070017870" "73" "20080154029" "73" "20090050566" "73" "6051429" "71" "4950744" "71" "5026840" "71" "5888783" "71" "5980861" "71").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/07 13:33 |
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| S4 | 108 | ("5279821" "99" "6043390" "71" "5397479" "99" "5482829" "99" "6027945" "99" "6063572" "99" "6153598" "99" "6221674" "99" "6221674" "99" "6333146" "99" "6368800" "99" "6376203" "99" "6447764" "99" "6451260" "99" "6511809" "99" "7326386" "99" "7354710" "99" "20020018998" "99" "20020051986" "99" "20030087436" "99" "20030134299" "99" "20050112658" "99" "20060065587" "99" "20060172642" "99" "20060239940" "99" "20060252718" "99" "20070026430" "99" "20070148649" "99" "20070244314" "99" "20090011949" "99" "20090023904" "99" "4330440" "73" "4455370" "73" "4756834" "73" "5340461" "73" "5618832" "73" "5885921" "73" "6203706" "73" "6248720" "73" "6414136" "73" "20040219586" "73" "20060243658" "73" "20070017870" "73" "20080154029" "73" "20090050566" "73" "6051429" "71" "4950744" "71" "5026840" "71" "5888783" "71" "5980861" "71").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/07 13:33 |
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| S5 | 49 | ("5279821" "99" "6043390" "71" "5397479" "99" "5482829" "99" "6027945" "99" "6063572" "99" "6153598" "99" "6221674" "99" "6221674" "99" "6333146" "99" "6368800" "99" "6376203" "99" "6447764" "99" "6451260" "99" "6511809" "99" "7326386" "99" "7354710" "99" "20020018998" "99" "20020051986" "99" "20030087436" "99" "20030134299" "99" "20050112658" "99" "20060065587" "99" "20060172642" "99" "20060239940" "99" "20060252718" "99" "20070026430" "99" "20070148649" "99" "20070244314" "99" "20090011949" "99" "20090023904" "99" "4330440" "73" "4455370" "73" "4756834" "73" "5340461" "73" "5618832" "73" "5885921" "73" "6203706" "73" "6248720" "73" "6414136" "73" "20040219586" "73" "20060243658" "73" "20070017870" "73" "20080154029" "73" "20090050566" "73" "6051429" "71" "4950744" "71" "5026840" "71" "5888783" "71" "5980861" "71").PN. | US-PGPUB; USPAT | OR | ON | 2009/12/07 13:34 |
| S6 | 24 | ("3591010" "3865548" "4540625" "5156811").PN. OR ("6451260").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/12/07 14:10 |

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| S7 | 10 | ("20010016178" "20030170664" "20040126890" "4948564" "5114858" "5645723" "6270970" "6451260" "6783732" "6812012").PN. OR ("7429356").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/12/07 14:14 |
| S8 | 5467 | 435/287.1-288.5.ccls. and (filter or (porous with membrane)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/12/07 14:43 |
| S9 | 5320 | 435/287.1-288.5.ccls. and (filter or (porous membrane)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/12/07 14:44 |
| S10 | 3229 | S9 and @ay < "2004" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/12/07 14:44 |
| S11 | 2270 | S9 and @py < "2004" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/12/07 14:45 |
| S12 | 1133 | S11 and nucleic acid | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/12/07 14:45 |
| S13 | 98 | 435/287.1-287.3.ccls. and (porous with membrane) same nucleic acid | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/12/07 15:06 |
| S14 | 98 | 435/287.1-287.3.ccls. and (porous with membrane) same nucleic acid | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/12/07 15:06 |
| S15 | 971 | 435/287.1-287.3.ccls. and (porous with membrane) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/12/07 16:01 |
| S16 | 316 | 435/287.1-287.3.ccls. and (porous with membrane) and purification | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/12/07 16:02 |
| S17 | 246 | 435/287.1-287.3.ccls. and (porous with membrane) and purification and separation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/12/07 16:26 |
| S18 | 113 | 435/287.1-287.3.ccls. and (porous with membrane) and purification and separation and @ay < "2003" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/12/07 16:31 |

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| S19 | 441 | 435/6.ccls. and (porous with membrane) and purification and @ay < "2003" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/12/07 18:37 |
| S20 | 151 | 435/6.ccls. and (porous membrane) and purification and separation and @ay < "2003" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/12/07 18:38 |
| S21 | 1 | "6558947".pn. | US-PGPUB; USPAT | ADJ | ON | 2009/12/08 12:57 |
| S22 | 4 | ("4948564" "4014653" "5096575" "3932153").pn. | US-PGPUB; USPAT | OR | ON | 2009/12/12 12:12 |
| S23 | 189 | stack with (tray or flask) same cells | US-PGPUB; USPAT | OR | ON | 2009/12/12 18:55 |
| S24 | 1 | "4172013".pn. | US-PGPUB; USPAT | OR | ON | 2009/12/12 19:23 |
| S25 | 575 | 435/6.ccls. and cartridge and separation same purification | US-PGPUB; USPAT | ADJ | ON | 2009/12/12 20:42 |
| S26 | 339 | S25 and @ay < "2004" | US-PGPUB; USPAT | ADJ | ON | 2009/12/12 20:43 |
| S27 | 330 | S26 and nucleic acid | US-PGPUB; USPAT | ADJ | ON | 2009/12/12 20:43 |
| S28 | 18 | S27 and porous membrane | US-PGPUB; USPAT | ADJ | ON | 2009/12/12 20:44 |
| S29 | 1 | 435/287.3-287.3.ccls. and cartridge and separation same purification | US-PGPUB; USPAT | ADJ | ON | 2009/12/12 20:59 |
| S30 | 89 | 435/287.1-287.3.ccls. and cartridge and separation same purification | US-PGPUB; USPAT | ADJ | ON | 2009/12/12 20:59 |
| S31 | 0 | "435".clas. and cartridge and separation same purification an porous membrane and nucleic acid | US-PGPUB; USPAT | ADJ | ON | 2009/12/12 21:17 |
| S32 | 74 | "435".clas. and cartridge and separation same purification and porous membrane and nucleic acid | US-PGPUB; USPAT | ADJ | ON | 2009/12/12 21:18 |

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| S33 | 194 | "435".clas. and (device or appartus) and separation same purification and porous membrane and nucleic acid | US-PGPUB; USPAT | ADJ | ON | 2009/12/12 21:26 |
| S34 | 3 | ("20030170664" "4551389" "5522991"). PN. | US-PGPUB; USPAT | ADJ | ON | 2009/12/12 21:46 |
| S35 | 4108 | "435".clas. and (device or appartus) and separation same purification and filter and nucleic acid | US-PGPUB; USPAT | ADJ | ON | 2009/12/14 15:51 |
| S36 | 0 | "435".clas. and (device or appartus) separation same purification and filter and nucleic acid and porous | US-PGPUB; USPAT | ADJ | ON | 2009/12/14 15:52 |
| S37 | 93 | "435".clas. and (device or appartus) same separation same purification and filter and nucleic acid and porous | US-PGPUB; USPAT | ADJ | ON | 2009/12/14 15:53 |
| S38 | 9 | fuji.as. and separation same purification and filter and nucleic acid and porous | US-PGPUB; USPAT | ADJ | ON | 2009/12/14 16:04 |
| S39 | 9 | fuji.as. and separation same purification and filter and nucleic acid and porous | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2009/12/14 16:04 |
| S40 | 10 | fuji.as. and separation same purification and filter and nucleic acid and porous | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/12/14 16:04 |
| S41 | 2 | "20020179520".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/12/14 16:46 |
| S42 | 2 | "6159368".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/12/14 16:57 |

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| S43 | 95 | ("4167875" "4246339" "4304865" "4734192" "4902481" "4927604" "4948442" "4948564" "5047215" "5108704" "5110556" "5116496" "5141719" "5201348" "5227137" "5264184" "5282543" "5283039" "5326533" "5342581" "5352086" "5368729" "5380437" "5401637" "5409832" "5464541" "5516490" "5604130" "5650323" "5665247" "5679310" "5721136" "5736105" "5736106" "5741463" "5792425" "5846493").PN. OR ("6159368").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/12/15 10:32 |
| S44 | 10 | (cartridge and nucleic acid and (discharge or outlet) and thick\$).clm. | US-PGPUB | ADJ | ON | 2009/12/15 10:43 |
| S45 | 1 | (cartridge and nucleic acid and injection with molding die and core pin).clm. | US-PGPUB | ADJ | ON | 2009/12/15 11:00 |
| S48 | 3013 | microwell and high throughput | US-PGPUB; USPAT | ADJ | ON | 2010/09/10 03:29 |

9/10/2010 3:13:52 PM

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